

CREW MEMBERS

Miss Seq. No.	STS- No.	Orb. OV-	Commander, No. Flts	Pilot, No. Flts	Mission, Specialist, 1 No. Flts	Mission, Specialist, 2 No. Flts	Mission, Specialist, 3 No. Flts	Mission, Specialist, 4 No. Flts	Mission, Specialist, 5 No. Flts	Payload, Specialist, 1 No. Flts	Payload, Specialist, 2 No. Flts	Payload, Specialist, 3 No. Flts	Operational Crew- Person Hour, h:m:s Mission/ Cumulative*
1	1	102	John W. Young USN Ret. 1	Robert L. Crippen USN Capt. 1									108 : 41 : 42 108 : 41 : 42
2	2	102	Joe Henry Engle USAF Col. 1	Richard H. Truly USN Capt. 1									108 : 26 : 28 217 : 08 : 10
3	3	102	Jack R. Lousma USMC Col. 1	C. Gordon Fullerton USAF Col. 1									384 : 09 : 36 601 : 17 : 46
4	4	102	Thomas K. Mattingly USN Capt. 1	Henry W. Hartsfield Jr. USAF Ret. 1									338 : 19 : 30 939 : 37 : 16
5	5	102	Vance D. Brand Civ. 1	Robert F. Overmyer USMC Col. 1	Joseph P. Allen Civ. PhD 1	William B. Lenoir Civ. PhD 1							488 : 57 : 44 1,428 : 35 : 00
6	6	99	Paul J. Weitz USN Ret. 1	Karol J. Bobko USAF Col. 1	F. Story Musgrave Civ. M.D. Ph.D. 1	Donald H. Peterson USAF Ret. 1							481 : 35 : 08 1,910 : 10 : 08

Note:

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c = Mission Specialist 4 became member of Mir crew at 53 hours 17 minutes MET.

d = MS4 J. Blaha (Ascent) became a member of the Mir crew at 03:02:11 MET, and MS4 Shannon W. Lucid (Descent) became a member of STS-79 crew at the same time.

e = MS4 J. Linenger (Ascent) became a member of the Mir crew at 03:00:17 MET, and MS4 J. Blaha (Descent) became a member of the STS-81 crew at 03:00:17 MET.

f = MS5 C. Michael Foale (Ascent) became a member of the Mir crew at 02:06:13 MET, and MS5 J. Linenger (descent) became a member of the STS-84 crew at 02:06:13 MET.

g = MS5 David A. Wolf (Ascent) became a member of the Mir crew at 02:14:00 MET, and MS6 C. Michael Foale (descent) became a member of the STS-87 crew at 02:14:00 MET.

h = MS5 Andrew S.W. Thomas (Ascent) became a member of the Mir crew at 03:13:03 MET, and MS6 David A. Wolf (descent) became a member of the STS-87 crew at 03:13:03 MET

i = MS5 Andrew S.W. Thomas (Descent) became a member of the became a member of the STS-91 crew at 01:20:27 MET.

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7	7	99	Robert L. Crippen USN Capt. 2	Frederick H. Hauck USN Capt. 1	John M. Fabian USAF Col. 1	Sally K. Ride Civ. PhD 1	Norman E. Thagard Civ. MD 1						732 : 00 : 40 2,642 : 10 : 48
8	8	99	Richard H. Truly USN Capt. 2	Daniel C. Brandenstein USN Cdr. 1	Guion S. Bluford USAF Lt Col 1	Dale A. Gardner USN Lt. Cdr. 1	William E. Thornton Civ. MD 1						725 : 43 : 35 3,367 : 54 : 23
9	9	102	John W. Young USN Ret. 2	Brewster H. Shaw, Jr. USAF Major 1	Owen K. Garriott Civ. PhD 1	Robert A. Parker Civ. PhD 1				Byron K. Lichtenberg Civ. PhD 1	Ulf Merbold Civ. PhD 1		1,486 : 44 : 24 4,854 : 38 : 47
10	41B	99	Vance D. Brand Civ. 2	Robert L. Gibson USN Lt.Cdr 1	Bruce McCandless USN Capt 1	Ronald E. McNair Civ. PhD 1	Robert L. Stewart USA Lt. Col. 1						956 : 19 : 30 5,810 : 58 : 17
11	41C	99	Robert L. Crippen USN Capt. 3	Francis R.(Dick) Scobee USAF Ret. 1	Terry J. Hart Civ. 1	James D. Van Hoften Civ. PhD 1	George D. Nelson Civ. PhD 1						838 : 20 : 30 6,649 : 18 : 47
12	41D	103	Henry W. Hartsfield, Jr. USAF Ret. 2	Michael L. Coats USN Cdr. 1	Richard M. Mullane USAF Lt. Col. 1	Steve A. Hawley Civ. PhD 1	Judith A. Resnik Civ. PhD 1			Charles Walker Civ. 1			869 : 36 : 30 7,518 : 55 : 17

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13	41G	99	Robert L. Crippen USN Capt. 4	Jon A. McBride USN Cdr. 1	Sally K. Ride Civ. PhD 2	Kathryn D. Sullivan Civ. PhD 1	David C. Leestma USN Lt.Cdr. 1			Paul D. Scully-Power Civ 1	Marc Garneau Canada CDR RCN 1		1,381 : 45 : 33 8,900 : 40 : 50
14	51A	103	Frederick H. Hauck USN Capt. 2	David M. Walker USN Cdr. 1	Joseph P. Allen Civ. PhD 2	Anna L. Fisher Civ. MD 1	Dale A. Gardner USN CDR 2						958 : 45 : 05 9,859 : 25 : 55
15	51C	103	Thomas K. Mattingly USN Capt. 2	Loren J. Shriver USAF Lt. Col 1	Ellison S. Onizuka USAF Maj. 1	James F. Buchli USMC Lt.Col 1				Gary E. Payton USAF Maj. 1			367 : 47 : 20 10,227 : 13 : 15
16	51D	103	Karol J. Bobko USAF Col. 2	Donald E. Williams USN Cdr. 1	M. Rhea Seddon Civ. MD 1	S. David Griggs Civ. 1	Jeffrey A. Hoffman Civ. PhD 1			E. J. "Jake" Garn Civ. U. S. Senator 1	Charles D. Walker Civ. 2		1,175 : 28 : 16 11,402 : 41 : 31
17	51B	99	Robert F. Overmyer USMC Col. 2	Frederick D. Gregory USAF Col. 1	Don Leslie Lind Civ. PhD 1	Norman E. Thagard Civ. MD 2	William E. Thornton Civ. MD 2			Taylor G. Wang Civ. PhD 1	Lodewijk van den Berg Civ. PhD 1		1,177 : 02 : 18 12,579 : 43 : 49
18	51G	103	Daniel C. Brandenstein USN Capt. 2	John O. Creighton USN Cdr. 1	John M. Fabian USAF Col. 2	Steven R. Nagel USAF Lt. Col. 1	Shannon W. Lucid Civ. PhD 1			Patrick Baudry France Lt. Col. FAF 1	Sultan Salman Al-Saud Civ. Saudi Arabia 1		1,187 : 33 : 00 13,767 : 16 : 49

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19	51F	99	C. Gordon Fullerton USAF Col. 2	Roy D. Bridges, Jr. USAF Col. 1	Karl G. Henize Civ. Ph.D. 1	F. Story Musgrave Civ. M.D. Ph.D. 2	Anthony W. England Civ. PhD 1			Loren W. Acton Civ. PhD 1	John-David F. Bartoe Civ. PhD 1		1,335 : 18 : 09 15,102 : 34 : 58
20	51I	103	Joe Henry Engle USAF Col. 2	Richard O. Covey USAF Lt. Col 1	James D. A. van Hoften Civ. PhD 2	John M. Lounge Civ. 1	William F. Fisher Civ. D 1						851 : 28 : 40 15,954 : 03 : 38
21	51J	104	Karol J. Bobko USAF Col. 3	Ronald J. Grabe USAF Lt. Col 1	Robert L. Stewart USA Col. 2	David C. Hilmers USMC Maj. 1				William A. Pailles USAF Maj. 1			493 : 43 : 25 16,447 : 47 : 03
22	61A	99	Henry W. Hartsfield, Jr. USAF Ret. 3	Steven R. Nagel USAF Lt. Col 3	James F. Buchli USMC Col. 2	Guion S. Bluford, Jr. USAF Col. 2	Bonnie J. Dunbar Civ. PhD 1			Reinhard Furrer Civ. Germany PhD 1	Ernst Messerschmid Civ. PhD, Germany 1	Wubbo J. Ockels Civ. PhD, Netherlands 1	1,349 : 59 : 04 17,797 : 46 : 07
23	61B	104	Brewster H. Shaw, Jr. USAF Lt. Col. 2	Bryan O. O'Connor USMC Col. 1	Sherwood C. Spring USA Lt. Col. 1	Mary L. Cleave Civ. PhD 1	Jerry L. Ross USAF Maj. 1			Charles D. Walker Civ. 3	Rodolfo Neri Vela Mexico PhD 1		1,155 : 34 : 18 18,953 : 20 : 25
24	61C	102	Robert L. Gibson USN Cdr. 2	Charles F. Bolden, Jr. USMC Lt.Col. 1	George D. Nelson Civ. PhD 2	Steven A. Hewley Civ. PhD 2	Franklin R. Chang-Diaz Civ. PhD 1			Bill Nelson US Congress 1	Robert J. Cenker Civ. 1		1,022 : 27 : 11 19,975 : 47 : 36

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25	51L	99a	Francis R. Scobee USAF Ret.	Michael J. Smith USN Cdr.	Ellison S. Onizuka USAF Lt. Col	Judith A. Resnik Civ. PhD	Ronald E. McNair Civ. PhD			Gregory B. Jarvis Civ.	Sharon Christa McAuliffe Civ.		: : 19,975 : 47 : 36
		2		1	2	2	2			1	1		
26	26	103	Frederick H. Hauck USN Capt.	Richard O. Covey USAF Col.	John M. Lounge Civ.	George D. Nelson Civ. PhD.	David C. Hilmer USMC Lt.Col						485 : 01 : 00 20,460 : 48 : 36
		3		2	2	3	2						
27	27	104	Robert L. Gibson USN Cdr.	Guy S. Gardner USAF Lt. Col	Richard M. Mullane USAF Col.	Jerry L. Ross USAF Maj.	William M. Shepherd USN Cdr.						525 : 28 : 05 20,986 : 16 : 41
		3		1	2	2	1						
28	29	103	Michael L. Coats USN Capt.	John E. Blaha USAF Col.	James F. Buchli USMC Col.	Robert C. Springer USMC Col.	James P. Bagian Civ M.D.						598 : 14 : 05 21,584 : 30 : 46
		2		1	3	1	1						
29	30	104	David M. Walker USN Capt.	Ronald J. Grabe USAF Col.	Mark C. Lee USAF Major	Norman E. Thagard Civ. M.D.	Mary L. Cleave Civ. Ph.D.						484 : 42 : 10 22,069 : 12 : 56
		2		2	1	3	2						
30	28	102	Brewster H. Shaw USAF Col.	Richard N. Richards USN Cdr.	James C. Adamson USAF Lt.Col.	David C. Leestma USN Cdr.	Mark N. Brown USAF Lt.Col						605 : 00 : 40 22,674 : 13 : 36
		3		1	1	2	1						

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31	34	104	Donald E. Williams USN Capt. 2	Michael J. McCulley USN Cdr. 1	Shannon W. Lucid Civ. PhD. 2	Franklin R. Chang-Diaz Civ. PhD. 2	Ellen S. Baker Civ. MD 1						598 : 16 : 45 23,272 : 30 : 21
32	33	103	Frederick Gregory USAF Col. 2	John E. Blaha USAF Col. 2	Manley L. Carter USN CDR 1	F. Story Musgrave Civ. M.D. PhD. 3	Kathryn Thornton Civ. Ph.D. 1						600 : 34 : 00 23,873 : 04 : 21
33	32	102	Daniel C. Brandenstein USN Capt. 3	James D. Wetherbee USN Cdr. 1	Bonnie J. Dunbar Civ. PhD. 2	Marsha S. Ivins Civ. 1	G. David Low Civ. Ph.D 1						1,305 : 03 : 00 25,178 : 07 : 21
34	36	104	John O. Creighton USN Capt. 2	John H. Casper USAF Col. 1	David C. Hilmers USMC Lt. Col. 3	Richard M. Mullane USAF Col. 3	Pierre J. Thuot USN Lt.Cdr. 1						531 : 31 : 50 25,709 : 39 : 11
35	31	103	Loren J. Shriver USAF Col. 2	Charles F. Bolden USMC Col. 2	Steven A. Hawley Civ. Ph.D. 3	Kathryn D. Sullivan Civ. PhD. 2	Bruce McCandless USN Capt. 2						606 : 20 : 30 26,315 : 59 : 41
36	41	103	Richard N. Richards USN Capt. 2	Robert D. Cabana USMC Lt.Col. 1	Bruce E. Melnick USCG Cmdr. 1	Thomas D. Akers USAF Major 1	William M. Shepherd USN Capt. 1						490 : 50 : 20 26,806 : 50 : 01

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37	38	104	Richard O. Covey USAF Col. 3	Frank L. Culbertson USN Capt. 1	Carl J. Meade USAF Major 1	Robert C. Springer USMC Col. 2	Charles D. Gemar USA Capt. 1						589 : 32 : 35 27,396 : 22 : 36
38	35	102	Vance D. Brand Civ. 3	Guy S. Gardner USAF Col. 2	John M. Lounge Civ. 3	Jeffrey A. Hoffman Civ. PhD. 3	Robert A. Parker Civ. PhD 2			Ronald A. Parise Civ. PhD. 1	Samuel T. Durrance Civ. PhD. 1		1,505 : 35 : 56 28,901 : 58 : 32
39	37	104	Steven R. Nagel USAF Col. 3	Kenneth D. Cameron USMC Lt.Col. 1	Linda M. Godwin PhD. 1	Jerry L. Ross USAF Lt. Col. 1	Jerome (Jay) Apt PhD. 1						717 : 43 : 40 29,619 : 42 : 12
40	39	103	Michael L. Coats USN Capt. 3	L. Blaine Hammond USAF Lt. Col 1	Gregory G. Harbaugh Civ. 1	Donald R. McMonagle USAF Lt. Col 1	Guion S. Bluford USAF Col. 3	Charles L. Veach Civ. 1	Richard J. Hieb Civ. 1				1,395 : 36 : 41 31,015 : 18 : 53
41	40	102	Bryan D. O'Connor USMC Col. 2	Sidney M. Gutierrez USAF Lt. Col 1	James P. Bagian M.D. 2	Tamara E. Jemigan M.D. 1	M. Rhea Seddon M.D. 2			Drew Gaffney M.D. 1	Millie Hughes-Fulford PhD. 1		1,527 : 40 : 20 32,542 : 59 : 13
42	43	104	John E. Blaha USAF Col. 3	Michael A. Baker USN Cdr. 1	Shannon W. Lucid Ph.D 3	G. David Low Civ. 2	James W. Adamson USA Col. 2						1,066 : 47 : 05 33,609 : 46 : 18

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43	48	103	John O. Creighton USN Capt.	Kenneth O. Reightler USN Cdr.	James F. Buchli USMC Col.	Mark N. Brown USAF Col	Charles D. Gemar USAF Lt. Col						642 : 18 : 10 34,252 : 04 : 28
44	44	104	Frederick D. Gregory USAF Col.	Terence T. Henricks USAF Col.	James S. Voss USA Lt. Col.	F. Story Musgrave Civ. M.D. Ph.D.	Mario Runco USN Lt. Cdr.			Thomas J. Hennen USA CWO-3			1,001 : 04 : 24 35,253 : 08 : 52
45	42	103	Ronald J. Grabe USAF Col.	Steven S. Oswald Civ.	Norman E. Thagard Civ. M.D.	William F. Readdy Civ.	David C. Hilmers USMC Col.			Roberta L. Bondar Civ. PhD	Ulf D. Merbold Civ. PhD		1,352 : 43 : 08 36,605 : 52 : 00
46	45	104	Charles F. Bolden, Jr. USMC Col.	Brian K. Duffy USAF Lt.Col.	Kathryn D. Sullivan Civ. PhD	David C. Leestma USN Capt.	C. Michael Foale Civ. PhD			Dirk D. Frimout Civ. PhD	Bryon K. Lichtenberg Civ. PhD		1,499 : 06 : 16 38,104 : 58 : 16
47	49	105	Daniel C. Brandenstein USN Capt.	Kevin P. Chilton USAF Lt.Col.	Richard J. Hieb	Bruce E. Melnick USCG Cdr.	Pierre J. Thout USN Cdr.	Kathryn C. Thomton Civ. PhD.	Thomas D. Akers USAF Lt. Col				1,493 : 03 : 26 39,598 : 58 : 42
48	50	102	Richard N. Richards USN Capt.	Kenneth D. Bowersox USN Lt. Cdr.	Bonnie J. Dunbar Civ. PhD	Ellen S. Baker Civ M.D.	Carl J. Meade USAF Col.			Lawrence J. DeLucas Civ. PhD.	Eugene H. Trinh Civ. PhD.		2,320 : 30 : 28 41,918 : 39 : 10

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g = MS5 David A. Wolf (Ascent) became a member of the Mir crew at 02:14:00 MET, and MS6 C. Michael Foale (descent) became a member of the STS-87 crew at 02:14:00 MET.

h = MS5 Andrew S.W. Thomas (Ascent) became a member of the Mir crew at 03:13:03 MET, and MS6 David A. Wolf (descent) became a member of the STS-87 crew at 03:13:03 MET

i = MS5 Andrew S.W. Thomas (Descent) became a member of the became a member of the STS-91 crew at 01:20:27 MET.

CREW MEMBERS

Miss Seq. No.	STS- No.	Orb. OV-	Commander, No. Flts	Pilot, No. Flts	Mission, Specialist, 1 No. Flts	Mission, Specialist, 2 No. Flts	Mission, Specialist, 3 No. Flts	Mission, Specialist, 4 No. Flts	Mission, Specialist, 5 No. Flts	Payload, Specialist, 1 No. Flts	Payload, Specialist, 2 No. Flts	Payload, Specialist, 3 No. Flts	Operational Crew- Person Hour, h:m:s Mission/ Cumulative*
49	46	104	Loren J. Shriver USAF Col. 3	Andrew M. Allen USAF Maj. 1	Claude Nicollier Civ. PhD 1	Marsha S. Ivins Civ. 2	Jeffrey A. Hoffman Civ. PhD 3	Franklin Chang-Diaz Civ. PhD. 2		Franco Malerba Civ. PhD. 1			1,338 : 45 : 21 43,257 : 24 : 31
50	47	105	Robert L. Gibson USN Capt 4	Curtis L. Brown, Jr. USAF Maj. 1	Mark C. Lee USAF Lt.Col 2	Jerome Apt Civ. PhD 2	N. Jan Davis Civ PhD. 1	Mae C. Jemison Civ. M.D. 1		Mamoru Mohri Civ. PhD. 1			1,333 : 32 : 41 44,590 : 57 : 12
51	52	102	James D. Wetherbee USN Cdr. 2	Michael A. Baker USN Capt. 2	Charles L. Veatch Civ. 2	William M. Shepherd USN Capt. 3	Tamara E. Jernigan Civ. PhD. 2			Steven G. MacLean Civ. PhD. 1			1,421 : 37 : 18 46,012 : 34 : 30
52	53	103	David M. Walker USN Capt. 3	Robert D. Cabana USMC Lt. Col 2	Guion S. Bluford USAF Col. 4	James S. Voss USA Lt. Col 2	Michael R. Clifford USA Lt.Col. 1						876 : 38 : 55 46,889 : 13 : 25
53	54	105	John H. Casper USAF Col. 2	Donald R. McMonagle USAF Lt. Col 2	Gregory J. Harbaugh Civ. 2	Mario Runco USN Lt. CDR. 2	Susan J. Helms USAF Major 1						718 : 11 : 35 47,607 : 25 : 00
54	56	103	Kenneth D. Cameron USMC Col. 2	Steven S. Oswald Civ. 2	C. Michael Foale Civ. PhD 2	Kenneth D. Cockrell Civ. 1	Ellen Ochoa Civ. 1						1,110 : 41 : 55 48,718 : 06 : 55

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i = MS5 Andrew S.W. Thomas (Descent) became a member of the became a member of the STS-91 crew at 01:20:27 MET.

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55	55	102	Steven R. Nagel USAF Col. 4	Terence T. Henricks USAF Col. 2	Jerry L. Ross USAF Lt Col 4	Charles J. Precourt USAF Major 1	Bernard A. Harris, Jr. Civ. M.D. 1			Ulrich Walter Germany Civ. 1	Hans W. Schlegel Civ. Germany 1		1,677 : 39 : 53 50,395 : 46 : 48
56	57	105	Ronald J. Grabe USAF Col. 4	Brian Duffy USAF Col. 2	G. David Low Civ. 3	Nancy J. Sherlock Civ. 1	Peter J.K. Wisoff Civ. PhD 1	Janice Voss Civ. PhD 1					1,438 : 29 : 24 51,834 : 16 : 12
57	51	103	Frank L. Culbertson USN Capt. 2	William F. Readdy Civ. 2	James H. Newman Civ. PhD 1	Daniel W. Bursch USN Cdr. 1	Carl E. Walz USAF Lt Col 1						1,180 : 55 : 55 53,015 : 12 : 07
58	58	102	John E. Blaha USAF Col. 4	Richard A. Searfoss USAF Lt Col 1	M. Rhea Sheddon Civ. M.D. 3	William S. McArthur USAF Lt Col 1	David A. Wolf Civ. M.D. 1	Shannon W. Lucid Civ. M.D. 4		Martin J. Fettman Civ. D.V.M. PhD 1			2,353 : 27 : 44 55,368 : 39 : 51
59	61	105	Richard O. Covey USAF Col. 4	Kenneth Bowersox USN Cdr. 2	Kathryn C. Thornton Civ. 3	Claude Nicollier Civ. 2	Jeffrey A. Hoffman Civ. 4	F. Story Musgrave Civ. M.D. PhD 5	Thomas D. Akers USAF Lt Col 3				1,819 : 50 : 19 57,188 : 30 : 10
60	60	103	Charles F. Bolden USMC Col. 4	Kenneth S. Reightler, Jr. USN Capt. 2	N. Jan Davis Civ. PhD 2	Ronald M. Sega Civ. PhD 1	Franklin R. Chang-Diaz Civ. PhD 4	Sergei K. Krikalov Civ. Cosmonaut 1					1,194 : 56 : 12 58,383 : 26 : 22

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61	62	102	John H. Casper USAF Col. 3	Andrew M. Allen USMC Maj. 2	Pierre J. Thout USN Cmdr. 3	Charles D. Gemar USA Lt Col. 3	Marsha S. Ivins Civ. 3						1,676 : 23 : 25 60,059 : 49 : 47
62	59	105	Sidney M. Gutierrez USAF Col. 2	Kevin P. Chilton USAF Col. 2	Jerome Apt Civ. PhD 3	M. Richard Clifford USA Lt Col. 2	Linda M. Godwin Civ. PhD 2	Thomas D. Jones Civ. PhD 1					1,618 : 57 : 00 61,678 : 46 : 47
63	65	102	Robert D. Cabana USMC Col. 3	James D. Halsell USAF Lt. Col. 1	Richard J. Hieb Civ. 3	Carl E. Walz USAF Lt Col 2	Leroy Chiao Civ. PhD 1	Donald A. Thomas Civ. PhD 1		Chiaki Mukai Civ. PhD M.D. 1			2,377 : 25 : 00 64,156 : 11 : 47
64	64	103	Richard N. Richards USN Capt. 4	Blaine L. Hammond USAF Col. 2	Jerry M. Linenger USN Cdr. M.D. PhD 1	Susan J. Helms USAF Lt Col 2	Carl J. Meade USAF Col. 3	Mark C. Lee USAF Col. 3					1,576 : 59 : 42 65,733 : 11 : 29
65	68	105	Michael A. Baker USN Capt. 3	Terrence W. Wilcutt USMC Maj. 1	Steven V. Smith Civ. 1	Daniel W. Bursch USN Cdr. 2	Peter J. K. Wisoff Civ. PhD 2	Thomas D. Jones Civ. PhD 2					1,618 : 36 : 48 67,351 : 48 : 17
66	66	104	Donald R. McMonagle USAF Lt. Col. 3	Curtis L. Brown USAF Lt. Col. 2	Ellen Ochoa Civ. PhD 2	Joseph R. Tanner Civ. 1	Jean-Francois Clervoy Civ. ESA 1	Scott E. Parazynski Civ. M.D. 1					1,575 : 24 : 12 68,927 : 12 : 29

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67	63	103	James D. Wetherbee USN Cdr. 3	Eileen M. Collins USAF Lt. Col. 1	Bernard A. Harris, Jr. Civ. M.D. 3	C. Michael Foale Civ. PhD 3	Janice Voss Civ. PhD 2	Vladimir G. Titov Russian AF Col. 1					1,190 : 49 : 30 70,118 : 01 : 59
68	67	105	Stephen S. Oswald Civ. 3	William G. Gregory USAF Lt. Col. 1	John M. Grunsfeld Civ. PhD 1	Wendy B. Lawrence USN Lt. Cdr. 1	Tamara E. Jernigan Civ. PhD 3			Samual T. Durrance Civ. PhD 2	Ronald Parise Civ. PhD 2		2,794 : 01 : 36 72,912 : 03 : 35
69	71	104	Robert L. Gibson USN Capt 5	Charles J. Precourt USAF Lt. Col. 2	Ellen S. Baker Civ. M.D. 3	Gregory J. Harbaugh Civ. 3	Bonnie Dunbar Civ. PhD. 4	Anatoly Y. Solovyev Cdr. Mir-19 (b) 0	Nikolai M. Budarin Flt. Eng. Mir-19 (b) 0	Vladimir N. Dezhurov Cdr Mir-18 (b) 0	Gennady M. Strekalov Flt. Eng. Mir-18 (b) 0	Norman E. Thagard Cosm. Res. Mir-18 (b) 0	1,838 : 22 : 22 74,750 : 25 : 57
70	70	103	Terence T. Henricks USAF Col. 3	Kevin R. Kregel Civ. 1	Donald A. Thomas Civ. PhD. 2	Nancy J. Currie USA Maj. 2	Mary Ellen Weber Civ. PhD. 1		0	0	0	0	1,071 : 40 : 35 75,822 : 06 : 32
71	69	105	David M. Walker USN Capt. 4	Kenneth D. Cockrell Civ. 2	James S. Voss USA Col 3	Jim Newman Civ. PhD. 2	Michael L. Gernhardt Civ. PhD. 1		0	0	0	0	1,302 : 24 : 40 77,124 : 31 : 12
72	73	102	Kenneth D. Bowersox USN Cdr. 3	Kent V. Rominger USN CDR 1	Catherine C. Coleman USAF Capt. 1	Michael E. Lopez-Alegria USN Lt. Cdr. 1	Kathryn C. Thornton Civ. PhD. 4		0	0	Fred W. Leslie Civ. PhD. 1	Albert Sacco Jr. Civ. PhD. 1	2,673 : 06 : 27 79,797 : 37 : 39

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73	74	104	Kenneth D. Cameron USMC Col.	James D. Halsell, Jr. USAF Lt. Col.	Chris A. Hadfield CAF Maj.	Jerry L. Ross USAF Col.	William S. McArthur, Jr USA Lt. Col.						982 : 33 : 50 80,780 : 11 : 29
		3		2	1	5	2	0	0	0	0	0	
74	72	105	Brian Duffy USAF Col.	Brent W. Jett, Jr. USN Lt. Cdr.	Leroy Chiao Civ. PhD.	Winston E. Scott USN Capt.	Koichi Wakata Civ. NSDA Japan	Daniel T. Barry Civ. M.D.					1,284 : 04 : 30 82,064 : 15 : 59
		3		1	2	1	1	1	0	0	0	0	
75	75	102	Andrew M. Allen USMC Lt. Col.	Scott J. Horowitz, PhD. USAF Lt. Col.	Jeffrey A. Hoffman Civ. PhD.	Maurizio Cheli IAF Lt. Col.	Claude Nicollier SAF Capt.	Franklin R. Chang-Diaz Civ. PhD.		Umberto Guidoni Civ. PhD.			2,643 : 42 : 27 84,707 : 58 : 26
		3		1	5	1	3	5	0	1	0	0	
76	76	104	Kevin P. Chilton USAF Col.	Richard A. Searfoss USAF Lt. Col.	Ronald M. Sega Civ. PhD.	M. Richard Clifford Civ.	Linda M. Godwin Civ. PhD.	Shannon W. Lucid Civ. PhD. (c)					1,159 : 36 : 25 85,867 : 34 : 51
		3		2	2	3	3	5	0	0	0	0	
77	77	105	John H. Casper USAF Col.	Curtis L. Brown USAF Lt. Col.	Andrew Thomas	Daniel W. Bursch USN Cdr.	Mario Runco Civ. PhD.	Marc Garneau Civ. PhD.					1,443 : 56 : 24 87,311 : 31 : 15
		4		3	0	3	2	2	0	0	0	0	
78	78	102	Terence T. Henricks USAF Col.	Kevin R. Kregel Civ.	Richard M. Linnehan Civ. DVM	Susan J. Helms USAF Lt. Col.	Charles E. Brady, Jr. U.S. Navy CDR			Jean J. Favier Civ. PhD.	Robert B. Thirsk Civ. M.D.		2,840 : 33 : 12 90,152 : 04 : 27
		4		2	1	3	1	0	0	1	1	0	

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79	79	104	William F. Readdy USN Res. Capt.	Terrence W. Wilcutt USMC Lt. Col	Jerome Apt Civ. PhD.	Thomas D. Akers USAF Lt. Col.	Carl E. Walz USAF Lt. Col.	John E. Blaha (d) USAF Ret Col. (Ascent)	Shannon (MS4) Lucid (c, d) Civ. Ph.D. (Descent)	0	0	0	1,459 : 50 : 24 91,611 : 54 : 51
80	80	102	Kenneth D. Cockrell Civ.	Kent V. Rominger USN CDR	Tamara E. Jernigan Civ. PhD.	Thomas D. Jones Civ. Ph.D.	F. Story Musgrave Civ. M.D. PhD.			0	0	0	2,120 : 25 : 35 93,732 : 20 : 26
81	81	104	Michael A. Baker USN Capt.	Brent Jeff USN CDR	Peter J. K. Wisoff Civ. PhD	John M. Grunsfeld Civ. PhD.	Marsha S. Ivins	Jerry M. Linenger USN. MC (e) Capt. (Ascent)	John E. Blaha (MS4) USAF Ret. (e) Col. (Descent)	0	0	0	1,714 : 27 : 41 95,446 : 48 : 07
82	82	103	Kenneth D. Bowersox USN CDR	Scott J. Horowitz, PhD USAF Lt. Col	Joseph R. Tanner Civ.	Steven A. Hawley Civ. PhD.	Gregory J. Harbaugh Civ.	Mark E. Lee USAF Col.	Steven L. Smith Civ.	0	0	0	1,677 : 19 : 49 97,124 : 07 : 56
83	83	102	James Halsell, Jr. USAF Lt. Col.	Susan Leigh Still USN Lt. Cdr.	Janice Voss Civ. PhD	Michael L. Gernhardt Civ. PhD.	Donald A. Thomas Civ. PhD			Roger K. Crouch Civ. PhD.	Gregory T. Linteris Civ. PhD	0	666 : 28 : 33 97,790 : 36 : 29
84	84	104	Charles J. Precourt USAF Col.	Eileen Marie Collins USAF Lt. Col	Jean-Francis Clervoy Civ.	Carlos I. Noriega USMC Major	Edward Tsang Lu Civ. PhD	Elena V. Kondakova Civ. Cosmonaut	C. Michael Foale [ascent] Civ. Ph.D. f	Jerry M. Linenger (MS4) USN Capt. MC (descent) e	0	0	1,549 : 19 : 32 99,339 : 56 : 01

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CREW MEMBERS

Miss Seq. No.	STS- No.	Orb. OV-	Commander, No. Flts	Pilot, No. Flts	Mission, Specialist, 1 No. Flts	Mission, Specialist, 2 No. Flts	Mission, Specialist, 3 No. Flts	Mission, Specialist, 4 No. Flts	Mission, Specialist, 5 No. Flts	Payload, Specialist, 1 No. Flts	Payload, Specialist, 2 No. Flts	Payload, Specialist, 3 No. Flts	Operational Crew-Person Hour, h:m:s Mission/Cumulative*
85	94	102	James Halsell, Jr. USAF Lt. Col.	Susan Leigh Still USN Lt. Cdr.	Janice Voss Civ. PhD.	Michael L. Gernhardt Civ. PhD.	Donald A. Thomas Civ. PhD.			Roger K. Crouch Civ. PhD.	Gregory T. Linteris Civ. PhD.		2,637 : 12 : 12 101,977 : 08 : 13
		4		2	4	3	4	0	0	2	2	0	
86	85	103	Curtis L. Brown, Jr. USAF Lt. Col.	Kent V. Rominger USN CDR	Jan Davis Civ. PhD.	Robert L. Curbeam, Jr. USN Lt. Cdr.	Stephen K. Robinson Civ. PhD.			Bjarni V. Tryggvason CSA Civ.			1,991 : 09 : 00 103,968 : 17 : 13
		4		3	3	1	1	0	0	1	0	0	
87	86	104	James D. Wetherbee USN Capt.	Michael J. Bloomfield USAF Major	Vladimir Georgi Titov Russian AF Colonel	Scott E. Parazynski Civ. M.D.PhD.	Jean-Loup J. M. Chretien French Air Force Brig.Gen.	Wendy B. Lawrence USN CDR	David A. Wolf (ascent) f Civ. M.D.	C. Michael Foale (MS4) f Civ. PhD.(descent)			1,815 : 26 : 11 105,783 : 43 : 24
		4		1	2	2	1	2	2	5	0	0	
88	87	102	Kevin R. Kregel, Civ.	Steven W. Lindsey USAF Major	Kalpana Chawla Civ. PhD.	Winston E. Scott USN Capt.	Takao Doi, Civ. PhD. NASDA			Leonid K. Kadenyuk Russian AF Colonel			2,259 : 24 : 12 108,043 : 07 : 36
		3		1	1	2	1	0	0	1	0	0	
89	89	105	Terrence W. Wilcutt USMC Lt. Col.	Joe Frank Edwards, Jr. USN CDR.	James F. Reilly, II Civ. PhD.	Michael P. Anderson USAF, Major	Bonnie J. Dunbar Civ. PhD.	Salizhan S. Sharipov Civ. Cosmonaut	Andrew S.W. Thomas Civ. PhD (Ascent)	David A. Wolf, M.D. Civ. (MS6) (Descent) (g)			1,482 : 28 : 25 109,525 : 36 : 01
		3		1	1	1	5	1	2	3	0	0	
90	90	102	Richard A. Searfoss USAF Lt. Col.	Scott D. Altman USN Lt. Cdr.	Richard M. Linnehan Civ. D.V.M.	Kathryn P. Hire USN Cdr.	Dafydd R. Williams Civ. M.D.			Jay C. Buckley, Jr. Civ. M.D.	James A. Pawelczyk Civ. PhD.		2,672 : 49 : 46 112,198 : 25 : 47
		3		1	2	1	1	0	0	1	1	0	

Note:

Source: STS Mission Reports published by JSC/MV

* = All times were audited in November 1996

a = Vehicle destroyed at 73 seconds.

b = The Mir-18 crew became members of the STS-71 crew at 01:03:00-MET and the Mir-19 crew ceased being STS-71 crewmembers at the same time.

c = Mission Specialist 4 became member of Mir crew at 53 hours 17 minutes MET.

d = MS4 J. Blaha (Ascent) became a member of the Mir crew at 03:02:11 MET, and MS4 Shannon W. Lucid (Descent) became a member of STS-79 crew at the same time.

e = MS4 J. Linenger (Ascent) became a member of the Mir crew at 03:00:17 MET, and MS4 J. Blaha (Descent) became a member of the STS-81 crew at 03:00:17 MET.

f = MS5 C. Michael Foale (Ascent) became a member of the Mir crew at 02:06:13 MET, and MS5 J. Linenger (descent) became a member of the STS-84 crew at 02:06:13 MET.

g = MS5 David A. Wolf (Ascent) became a member of the Mir crew at 02:14:00 MET, and MS6 C. Michael Foale (descent) became a member of the STS-87 crew at 02:14:00 MET.

h = MS5 Andrew S.W. Thomas (Ascent) became a member of the Mir crew at 03:13:03 MET, and MS6 David A. Wolf (descent) became a member of the STS-87 crew at 03:13:03 MET

i = MS5 Andrew S.W. Thomas (Descent) became a member of the became a member of the STS-91 crew at 01:20:27 MET.

CREW MEMBERS

Miss Seq. No.	STS- No.	Orb. OV-	Commander, No. Flts	Pilot, No. Flts	Mission, Specialist, 1 No. Flts	Mission, Specialist, 2 No. Flts	Mission, Specialist, 3 No. Flts	Mission, Specialist, 4 No. Flts	Mission, Specialist, 5 No. Flts	Payload, Specialist, 1 No. Flts	Payload, Specialist, 2 No. Flts	Payload, Specialist, 3 No. Flts	Operational Crew- Person Hour, h:m:s Mission/ Cumulative*
91	91	103	Charles J. Precourt USAF Col.	Dominic L. Pudwill Gorie USN CDR	Franklin R. Chang-Diaz Civ. PhD	Wendy B. Lawrence USN Cdr.	Janet L. Kavandi Civ. PhD.	Valery V. Ryumin Russian Cosmonaut	Andrew S.W. Thomas Civ. PhD. (descent) (h)				1,489 : 26 : 22 113,687 : 52 : 09
		4		1	6	3	1	1	3	0	0	0	
92	95	103	Curtis L Brown USAF Lt. Col	Steven` W Lindsey USAF Lt Col	Stephen K Robinson Civ PhD.	Scott E. Parazynski Civ M.D. PhD.	Pedro Duque Civ			Chiaki Mukai Civ NASDA M.D. PhD.	John H. Glenn USMC Retired Col.		1,282 : 23 : 36 114,970 : 15 : 45
		4		2	3	3	1	0	0	2	1	0	
93	88	105	Robert D. Cabana USMC Col	Frederick W. Sturchow USMC Major	Jerry L. Ross USAF Col	Nancy J Currie USA Lt Col, PhD.	James H. Newman Civ PhD	Sergei K. Krikalev Civ Cosmonaut					1,699 : 47 : 54 116,670 : 03 : 39
		3		1	6	3	3	2	0	0	0	0	

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h = MS5 Andrew S.W. Thomas (Ascent) became a member of the Mir crew at 03:13:03 MET, and MS6 David A. Wolf (descent) became a member of the STS-87 crew at 03:13:03 MET

i = MS5 Andrew S.W. Thomas (Descent) became a member of the became a member of the STS-91 crew at 01:20:27 MET.